



ENTERED

PCT10

## RAW SEQUENCE LISTING

DATE: 03/28/2002

PATENT APPLICATION: US/10/088,319

TIME: 14:06:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

```

4 <110> APPLICANT: Mary K. Crow
5 Yixin Li
7 <120> TITLE OF INVENTION: Altered Nucleotide Sequence in CD40
8 Ligand Promoter
10 <130> FILE REFERENCE: 5983/2G123
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/088,319
C--> 13 <141> CURRENT FILING DATE: 2002-03-13
15 <150> PRIOR APPLICATION NUMBER: US 60/153,625
16 <151> PRIOR FILING DATE: 1999-09-13
18 <160> NUMBER OF SEQ ID NOS: 37
20 <170> SOFTWARE: FastSEQ for Windows Version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 455
24 <212> TYPE: DNA
25 <213> ORGANISM: Human
27 <400> SEQUENCE: 1
28 gagaagcaat tagttgatgg gacaccagtc ataaaatcaa tccaaacttt tgttgacatg 60
29 tgtttctttc tccatatacc aggttcccgc ttogtattag taagattgaa attgaaataa 120
30 gtctattgct ggtggatgaa tttgtcactt tccttgaaac tggatgaacc aaaaagttag 180
31 acagtgatag gaaaatactg ccattgtctg ttaagaagtc tatgacattt caaggcaaga 240
32 atgaatatat ggaagaagaa acttgtttct tctttactta caaaaaggaa agcctggaag 300
33 tgaatgatat ggggtataatt aaaaaaaaaa aaaaaacaaa aaacctttac gtaacgtttt 360
34 tgctgggaga gaagactacg aagcacattt tccaggaagt gtgggctgca acgattgtgc 420
35 gctcttaact aatcctgagt aagggtggcca ctttg 455
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 455
39 <212> TYPE: DNA
40 <213> ORGANISM: Human
42 <400> SEQUENCE: 2
43 gagaagcaat tagttgatgg gacaccagtc ataaaatcaa tccaaacttt tgttgacatg 60
44 tgtttctttc tccatatacc aggttcccgc ttogtattag taagattgaa attgaaataa 120
45 gtctattgct ggtggatgaa tttgtcactt tccttgaaac tggatgaacc aaaaagttag 180
46 acagtgatag gaaaatactg ccattgtctg ttaagaagtc tatgacattt caaggcaaga 240
47 atgaatatat ggaagaagaa acttgtttct tctttactta caaaaaggaa agcctggaag 300
48 tgaatgatat ggggtataatt aaaaaaaaaa aaaaaacaaa aaacctttac gtaacgtttt 360
49 tgctgggaga gaagactacg aagcacattt tccaggaagt gtgggctgca acgattgtgc 420
50 gctcttaact aatcctgagt aagggtggcca ctttg 455
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 23
54 <212> TYPE: DNA
55 <213> ORGANISM: Human
57 <400> SEQUENCE: 3
58 aaaaaaaaaa aaaaaacaaa aaa 23

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,319

DATE: 03/28/2002

TIME: 14:06:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

```

60 <210> SEQ ID NO: 4
61 <211> LENGTH: 24
62 <212> TYPE: DNA
63 <213> ORGANISM: Human
65 <400> SEQUENCE: 4
66 aaaaaaaaaa aaaaaaaciaa aaaa 24
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 25
70 <212> TYPE: DNA
71 <213> ORGANISM: Human
73 <400> SEQUENCE: 5
74 aaaaaaaaaa aaaaaaaaca aaaaaa 25
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 23
78 <212> TYPE: DNA
79 <213> ORGANISM: Human
81 <400> SEQUENCE: 6
82 aaaaaaaaaa caaaaacaaa aaa 23
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 23
86 <212> TYPE: DNA
87 <213> ORGANISM: Human
89 <400> SEQUENCE: 7
90 aaaaaaaaaa caaaaacaaa aaa 23
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 24
94 <212> TYPE: DNA
95 <213> ORGANISM: Human
97 <400> SEQUENCE: 8
98 aaaaaaaaaa acaaaaaaciaa aaaa 24
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 24
102 <212> TYPE: DNA
103 <213> ORGANISM: Human
105 <400> SEQUENCE: 9
106 aaaaaaaaaa acaaaaaaciaa aaaa 24
108 <210> SEQ ID NO: 10
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Human
113 <400> SEQUENCE: 10
114 aaaaaaaaaa aaaacaaaaa a 21
116 <210> SEQ ID NO: 11
117 <211> LENGTH: 23
118 <212> TYPE: DNA
119 <213> ORGANISM: Human
121 <400> SEQUENCE: 11
122 aaaaaaaaaa caaaaacaaa aaa 23
124 <210> SEQ ID NO: 12

```

## RAW SEQUENCE LISTING

DATE: 03/28/2002

PATENT APPLICATION: US/10/088,319

TIME: 14:06:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

```
125 <211> LENGTH: 24
126 <212> TYPE: DNA
127 <213> ORGANISM: Human
129 <400> SEQUENCE: 12
130 aaaaaaaaaa acaaaaccaa aaac 24
132 <210> SEQ ID NO: 13
133 <211> LENGTH: 23
134 <212> TYPE: DNA
135 <213> ORGANISM: Human
137 <400> SEQUENCE: 13
138 aaaaaaaaaa aaaaaacaaa aaa 23
140 <210> SEQ ID NO: 14
141 <211> LENGTH: 24
142 <212> TYPE: DNA
143 <213> ORGANISM: Human
145 <400> SEQUENCE: 14
146 aaaaaaaaaa aaaaaaacca aaaa 24
148 <210> SEQ ID NO: 15
149 <211> LENGTH: 24
150 <212> TYPE: DNA
151 <213> ORGANISM: Human
153 <400> SEQUENCE: 15
154 aaaaaaaaaa aaaaaacaa aaaa 24
156 <210> SEQ ID NO: 16
157 <211> LENGTH: 24
158 <212> TYPE: DNA
159 <213> ORGANISM: Human
161 <400> SEQUENCE: 16
162 aaaaaaaaaa acaaaaacaa aaaa 24
164 <210> SEQ ID NO: 17
165 <211> LENGTH: 23
166 <212> TYPE: DNA
167 <213> ORGANISM: Human
169 <400> SEQUENCE: 17
170 aaaaaaaaaa aaaaaacaaa aaa 23
172 <210> SEQ ID NO: 18
173 <211> LENGTH: 24
174 <212> TYPE: DNA
175 <213> ORGANISM: Human
177 <400> SEQUENCE: 18
178 aaaaaaaaaa aaaaaacaa aaaa 24
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 24
182 <212> TYPE: DNA
183 <213> ORGANISM: Human
185 <400> SEQUENCE: 19
186 aaaaaaaaaa aaacaaacaa aaaa 24
188 <210> SEQ ID NO: 20
189 <211> LENGTH: 24
```

## RAW SEQUENCE LISTING

DATE: 03/28/2002

PATENT APPLICATION: US/10/088,319

TIME: 14:06:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

```
190 <212> TYPE: DNA
191 <213> ORGANISM: Human
193 <400> SEQUENCE: 20
194 aaaaaaaaaa acaaaaacaa aaaa 24
196 <210> SEQ ID NO: 21
197 <211> LENGTH: 24
198 <212> TYPE: DNA
199 <213> ORGANISM: Human
201 <400> SEQUENCE: 21
202 aaaaaaaaaa acaaaaacaa aaaa 24
204 <210> SEQ ID NO: 22
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Human
209 <400> SEQUENCE: 22
210 aaaaaaaaaa aaaacaaaaa 20
212 <210> SEQ ID NO: 23
213 <211> LENGTH: 22
214 <212> TYPE: DNA
215 <213> ORGANISM: Human
217 <400> SEQUENCE: 23
218 aaaaaaaaaa aaaaacaaaa aa 22
220 <210> SEQ ID NO: 24
221 <211> LENGTH: 23
222 <212> TYPE: DNA
223 <213> ORGANISM: Human
225 <400> SEQUENCE: 24
226 aaaaaaaaaa aaaaaacaaa aaa 23
228 <210> SEQ ID NO: 25
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Human
233 <400> SEQUENCE: 25
234 aaaaaaaaaa aaaaaaacaa aaaa 24
236 <210> SEQ ID NO: 26
237 <211> LENGTH: 24
238 <212> TYPE: DNA
239 <213> ORGANISM: Human
241 <400> SEQUENCE: 26
242 aaaaaaaaaa aaaaaaacca aaaa 24
244 <210> SEQ ID NO: 27
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Human
249 <400> SEQUENCE: 27
250 aaaaaaaaaa aaacaaaaaa 20
252 <210> SEQ ID NO: 28
253 <211> LENGTH: 22
254 <212> TYPE: DNA
```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,319

DATE: 03/28/2002

TIME: 14:06:45

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

```

255 <213> ORGANISM: Human
257 <400> SEQUENCE: 28
258 aaaaaaaaaa aaaaacaaaa aa                22
260 <210> SEQ ID NO: 29
261 <211> LENGTH: 22
262 <212> TYPE: DNA
263 <213> ORGANISM: Human
265 <400> SEQUENCE: 29
266 aaaaaaaaaa aaaaacaaaa aa                22
268 <210> SEQ ID NO: 30
269 <211> LENGTH: 22
270 <212> TYPE: DNA
271 <213> ORGANISM: Human
273 <400> SEQUENCE: 30
274 aaaaaaaaaa aaaaacgaaa aa                22
276 <210> SEQ ID NO: 31
277 <211> LENGTH: 22
278 <212> TYPE: DNA
279 <213> ORGANISM: Human
281 <400> SEQUENCE: 31
282 aaaaaaaaaa aaaaacaaaa aa                22
284 <210> SEQ ID NO: 32
285 <211> LENGTH: 24
286 <212> TYPE: DNA
287 <213> ORGANISM: Human
289 <400> SEQUENCE: 32
290 aaaaaaaaaa aaaaaaacaa aaaa            24
292 <210> SEQ ID NO: 33
293 <211> LENGTH: 21
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Primer sequence
300 <400> SEQUENCE: 33
301 gagaagcaat tagttgatgg g                21
303 <210> SEQ ID NO: 34
304 <211> LENGTH: 23
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Primer sequence
311 <400> SEQUENCE: 34
312 gctcttaact aatcctgagt aag            23
314 <210> SEQ ID NO: 35
315 <211> LENGTH: 21
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Primer sequence

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/088,319

DATE: 03/28/2002

TIME: 14:06:46

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03282002\J088319.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date